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Aplikasi Penggunaan Insektisida Rumah Tangga di Area Buffer Wilayah Kerja Kantor Kesehatan Pelabuhan Kelas III Sampit

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Abstract

The use of insecticides is the community's primary choice in controlling adult Aedes aegypti mosquitoes in the community. However, information on the application practices of household use of insecticides, especially in the Port Health Office's working area, is still limited. This study aimed to determine household insecticides' application in the buffer area of the Sampit Sea Port. This research is a descriptive survey with a cross-sectional approach. Sampling was carried out by random sampling of 101 household respondents from 7 neighborhood units in 2 sub-districts, the Sampit Port Health Office's working area. The results

showed the high dependence of the community on household insecticides (97.03%), most of them chose coil/burn formulations (46.27%), the frequency of use was > 1 time a day (60.20%) with the application time at night (92.86%) and has been used for more than ten years (55.30%). Meanwhile, the active ingredients of household insecticides are synthetic pyrethroid and DEET (diethyltoluamide).

Keywords: Aedes aegypti, Household insecticide, Insecticide Active Ingredients

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